

# 2002 Census of Agriculture State Profile

## Kentucky

### Number of farms

86,541 farms in 2002, 91,198 farms in 1997, down 5 percent.

### Land in farms

13,843,706 acres in 2002, 13,940,180 acres in 1997, down 1 percent.

### Average size of farm

160 acres in 2002, 153 acres in 1997, up 5 percent.

### Market Value of Production

\$3,080,080,000 in 2002, \$3,158,783,000 in 1997, down 2 percent.

Crop sales accounted for \$1,110,209,000 of the total value in 2002.

Livestock sales accounted for \$1,969,871,000 of the total value in 2002.

### Market Value of Production, average per farm

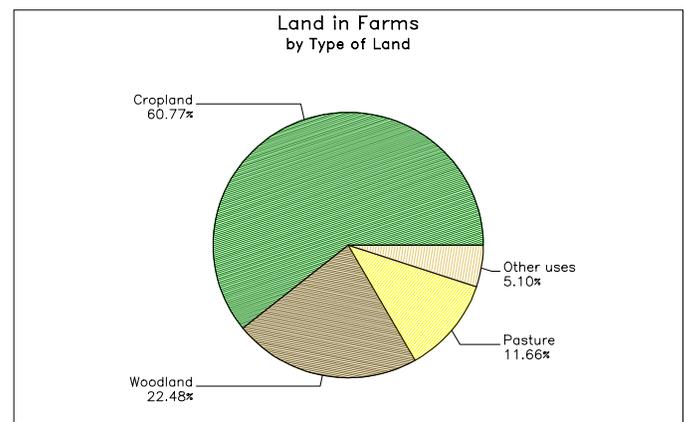
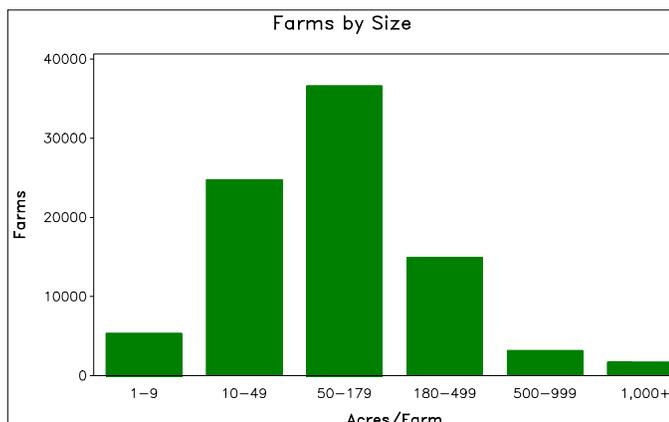
\$35,591 in 2002, \$34,637 in 1997, up 3 percent.

### Government Payments

\$94,053,000 in 2002, \$58,730,000 in 1997, up 60 percent.

### Government Payments, average per farm receiving payments

\$4,121 in 2002, \$2,590 in 1997, up 59 percent.



**2002 Census of Agriculture  
State Profile  
United States Department of Agriculture, Kentucky Agricultural Statistics Service**

**Kentucky**

**Ranked items within U.S., 2002**

| Item  | Quantity   | U.S. Rank | Universe <sup>1</sup> |
|---|------------|-----------|-----------------------|
| <b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD (\$1,000)</b>             |            |           |                       |
| Total value of agricultural products sold                               | 3,080,080  | 28        | 50                    |
| Value of crops including nursery and greenhouse                         | 1,110,209  | 26        | 50                    |
| Value of livestock, poultry, and their products                         | 1,969,871  | 20        | 50                    |
| <b>VALUE OF SALES BY COMMODITY GROUP (\$1,000)</b>                      |            |           |                       |
| Grains, oilseeds, dry beans, and dry peas                               | 518,327    | 17        | 50                    |
| Tobacco   | 403,991    | 2         | 23                    |
| Cotton and cottonseed   | -          | -         | 17                    |
| Vegetables, melons, potatoes and sweet potatoes                         | 17,757     | 41        | 50                    |
| Fruits, tree nuts, and berries  | 5,941      | 39        | 50                    |
| Nursery, greenhouse, floriculture, and sod                              | 96,094     | 29        | 50                    |
| Cut Christmas trees and short rotation woody crops                      | 1,019      | 33        | 50                    |
| Other crops and hay   | 67,080     | 33        | 50                    |
| Poultry and eggs  | 561,178    | 15        | 50                    |
| Cattle and calves   | 622,855    | 18        | 50                    |
| Milk and other dairy products from cows                                 | 214,365    | 23        | 50                    |
| Hogs and pigs   | 69,722     | 21        | 50                    |
| Sheep, goats, and their products  | 4,679      | 26        | 50                    |
| Horses, ponies, mules, burros, and donkeys                              | 491,345    | 1         | 50                    |
| Aquaculture   | 2,017      | 40        | 50                    |
| Other animals and other animal products                                 | 3,709      | 36        | 50                    |
| <b>TOP LIVESTOCK INVENTORY ITEMS (number)</b>                           |            |           |                       |
| Broilers and other meat-type chickens                                   | 44,713,685 | 11        | 50                    |
| Layers 20 weeks old and older   | 4,343,328  | 20        | 50                    |
| Cattle and calves   | 2,395,476  | 12        | 50                    |
| Hogs and pigs   | 385,811    | 19        | 50                    |
| Horses and ponies   | 149,465    | 3         | 50                    |
| <b>TOP CROP ITEMS (acres)</b>   |            |           |                       |
| Forage - land used for all hay and haylage, grass silage, and greenchop | 2,362,356  | 10        | 50                    |
| Soybeans  | 1,343,039  | 15        | 41                    |
| Corn for grain  | 1,043,990  | 13        | 49                    |
| All Wheat for grain   | 318,856    | 20        | 48                    |
| Tobacco   | 110,734    | 2         | 23                    |

**Other State Highlights**

| Economic Characteristics                    | Quantity  |
|---|-----------|
| Farms by value of sales                     |           |
| Less than \$1,000                           | 18,452    |
| \$1,000 to \$2,499                          | 14,466    |
| \$2,500 to \$4,999                          | 11,778    |
| \$5,000 to \$9,999                          | 13,561    |
| \$10,000 to \$19,999                        | 10,659    |
| \$20,000 to \$24,999                        | 2,495     |
| \$25,000 to \$39,999                        | 4,832     |
| \$40,000 to \$49,999                        | 1,693     |
| \$50,000 to \$99,999                        | 3,486     |
| \$100,000 to \$249,999                      | 2,915     |
| \$250,000 to \$499,999                      | 1,250     |
| \$500,000 or more                           | 954       |
| Total farm production expenses (\$1,000)    | 2,604,069 |
| Average per farm (\$)                       | 30,073    |
| Net cash farm income of operation (\$1,000) | 847,511   |
| Average per farm (\$)                       | 9,788     |

| Operator Characteristics  | Quantity |
|---|----------|
| Principal operators by primary occupation:                        |          |
| Farming   | 46,939   |
| Other   | 39,602   |
| Principal operators by sex:                                       |          |
| Male  | 78,267   |
| Female  | 8,274    |
| Average age of principal operator (years)                         | 55.2     |
| All operators <sup>2</sup> by race:                               |          |
| White   | 119,703  |
| Black or African American   | 859      |
| American Indian or Alaska Native                                  | 229      |
| Native Hawaiian or Other Pacific Islander                         | 20       |
| Asian   | 54       |
| More than one race  | 260      |
| All operators <sup>2</sup> of Spanish, Hispanic, or Latino Origin | 887      |

(D) Cannot be disclosed. See "Census of Agriculture, Volume 1, Geographic Area Series" for complete footnotes.

<sup>1</sup> Universe is number of states in U.S. with item.

<sup>2</sup> Data were collected for a maximum of three operators per farm.

**Kentucky 2002 CENSUS OF AGRICULTURE**

CENSUS OF AGRICULTURE HIGHLIGHTS: 2002 AND 1997

--- ITEM ---

|   | ALL FARMS  |            |
|---|------------|------------|
|   | 2002       | 1997       |
| Farms.....number..  | 86,541     | 91,198     |
| Land in farms.....acres..                                 | 13,843,706 | 13,940,180 |
| Average size of farm.....acres..                          | 160        | 153        |
| Median size of farm.....acres..                           | 94         | N/A        |
| Estimated market value of land and buildings 1/:          |            |            |
| Average per farm.....dollars..                            | 294,056    | 222,914    |
| Average per acre.....dollars..                            | 1,824      | 1,470      |
| Estimated market value of all machinery and equipment 1/: |            |            |
| Average per farm.....dollars..                            | 41,458     | 32,604     |
| Farms by size:  |            |            |
| 1 to 9 acres..  | 5,342      | 8,261      |
| 10 to 49 acres..  | 24,758     | 24,285     |
| 50 to 179 acres..   | 36,628     | 37,646     |
| 180 to 499 acres..  | 14,950     | 16,110     |
| 500 to 999 acres..  | 3,175      | 3,374      |
| 1,000 acres or more..                                     | 1,688      | 1,522      |
| Total cropland.....farms..                                |            |            |
| acres..   | 80,927     | 85,247     |
| Harvested cropland.....farms..                            |            |            |
| acres..   | 8,412,354  | 8,887,861  |
| acres..   | 65,815     | 74,360     |
| acres..   | 4,978,994  | 4,853,500  |
| Irrigated land.....farms..                                |            |            |
| acres..   | 3,606      | 4,233      |
| acres..   | 36,751     | 60,027     |
| Market value of agricultural products sold.\$1,000..      |            |            |
| Average per farm.....dollars..                            | 3,080,080  | 3,158,783  |
| dollars..   | 35,591     | 34,637     |
| Crops (including nursery and greenhouse)...\$1,000..      |            |            |
| Livestock, poultry, and their products.....\$1,000..      | 1,110,209  | 1,610,935  |
| \$1,000..   | 1,969,871  | 1,547,847  |
| Principal operator by primary occupation:                 |            |            |
| Farming.....number..                                      | 46,939     | 36,050     |
| Other.....number..  | 39,602     | 55,148     |
| Principal operator by days worked off farm:               |            |            |
| Any.....number..  | 49,176     | 54,653     |
| 200 days or more.....number..                             | 36,532     | 39,937     |

1/ Data are based on a sample of farms.

**Legend:**

- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (NA) Not available or not published. Some historic data are not published because they are not comparable, electronic files are unavailable, or re-summarizing could compromise respondent confidentiality.
- (X) Not applicable
- (Z) Less than half of the unit shown.

There is a significant difference in the measurements from the 1997 Census of Agriculture to the 2002 Census of Agriculture. For the first time, data for every county and state have been statistically adjusted to account for farms missed or misclassified in the census. For more information go to:  
<http://www.usda.gov/nass/events/news/methodology.htm>

**Kentucky 2002 CENSUS OF AGRICULTURE**

CENSUS OF AGRICULTURE HIGHLIGHTS: 2002 AND 1997

--- ITEM ---

ALL FARMS

|  | 2002        | 1997        |
|--|-------------|-------------|
| <b>Livestock and poultry:</b>  |             |             |
| Cattle and calves inventory.....farms..  | 47,447      | 53,500      |
| number..   | 2,395,476   | 2,476,949   |
| Beef cows.....farms..  | 40,234      | 44,819      |
| number..   | 1,125,183   | 1,153,323   |
| Milk cows.....farms..  | 2,939       | 3,571       |
| number..   | 120,748     | 145,051     |
| Cattle and calves sold.....farms..   | 40,429      | 51,217      |
| number..   | 1,291,026   | 1,430,976   |
| Hogs and pigs inventory.....farms..  | 1,254       | 2,129       |
| number..   | 385,811     | 584,632     |
| Hogs and pigs sold.....farms..   | 1,220       | 1,694       |
| number..   | 986,704     | 1,149,579   |
| Sheep and lambs inventory.....farms..  | 1,230       | 883         |
| number..   | 27,443      | 23,288      |
| Layers 20 weeks old and older inventory.....farms..  | 2,197       | 2,174       |
| number..   | 4,343,328   | 2,828,634   |
| Broilers and other meat-type chickens sold..farms..  | 669         | 314         |
| number..   | 271,176,998 | 111,920,659 |
| <b>Selected crops harvested:</b>   |             |             |
| Corn for grain.....farms..   | 7,446       | 11,655      |
| acres..  | 1,043,990   | 1,135,936   |
| bushels..  | 108,721,040 | 115,775,864 |
| Winter wheat for grain.....farms..   | 2,145       | 3,354       |
| acres..  | 318,856     | 423,877     |
| bushels..  | 16,447,721  | 22,411,604  |
| Barley for grain.....farms..   | 87          | 138         |
| acres..  | 6,807       | 6,788       |
| bushels..  | 436,696     | 471,975     |
| Sorghum for grain.....farms..  | 83          | 196         |
| acres..  | 9,400       | 8,039       |
| bushels..  | 717,391     | 495,402     |
| Soybeans for beans.....farms..   | 5,645       | 7,127       |
| acres..  | 1,343,039   | 1,278,829   |
| bushels..  | 43,939,662  | 43,487,052  |
| Tobacco.....farms..  | 29,237      | 46,850      |
| acres..  | 110,734     | 250,885     |
| pounds..   | 219,978,920 | 497,856,262 |
| Forage - land used for all hay and all haylage,<br>grass silage, and greenchop.....farms.. | 50,765      | (NA)        |
| acres..  | 2,362,356   | (NA)        |
| tons, dry..  | 5,106,450   | (NA)        |
| Vegetables harvested for sale.....farms..  | 1,424       | 1,086       |
| acres..  | 7,349       | 4,798       |
| Land in orchards.....farms..   | 839         | 821         |
| acres..  | 4,380       | 4,102       |

**Source:**

2002 Census of Agriculture, Volume 1 Geographic Area Series, Chapter 1 State Data and Chapter 2 - County Data. This presents summary statistics for Kentucky and each county with comparable data from the 1997 census. Data for 2002 and 1997 are directly comparable for acreage and inventories. Dollar values have not been adjusted for changes in price levels.